



RURAL CONNECTIVITY

Iowa needs to remain focused on agriculture innovation

The agriculture industry looks a little different than in 1963. Using Wi-Fi to send a farmer's irrigation data to a cloud-based platform, well, that wasn't a thing. But that's the world we live in today, and Iowa needs to continue to be at the epicenter of innovation in agriculture.

As 911 goes digital, security and training pose major challenges

Government computer systems are frequently updated as a matter of course, but a sanguine nationwide effort to shift the country's aging 911 systems onto a digital platform belies a moral dilemma that could touch the lives of everyone who might one day call for help in an emergency.

Michigan College Receives \$4M Grant to Educate Cyber Experts

Davenport University will use the grant from the National Science Foundation to provide 28 students with scholarships that cover their full-tuition, any education-related fees and living costs.

The Magic Of Smart Mirrors: Artificial Intelligence, Augmented Reality And The Internet of Things

The idea of a mirror not only reflecting your image back to you but also augmenting it is no longer a fairytale. Several companies have made significant progress in creating smart mirrors, also called digital mirrors or smart displays.

Bridging the digital divide in California

Just like we presume our electricity will generate light and warmth for our homes or that our taps will produce clean water, we expect to have reliable access to the internet to book a doctor's appointment, pay bills, do homework or communicate with loved ones.

3 ways nonprofits reduce cybersecurity threats

Human Service organizations operate on the basis of trust; trust between themselves, their clients, their employees and volunteers, and their financial supporters. In today's digital society, few issues can destroy trust faster than a major cybersecurity breach. A hacking incident or ransomware attack can put at risk the data of donors, clients, and the organization itself.

USDA Invests \$152 Million to Improve Broadband Service in 14 States

US Department of Agriculture (USDA) Deputy Under Secretary for Rural Development Donald “DJ” LaVoy today announced that USDA is investing \$152 million in 19 projects to provide or improve rural broadband service in 14 states.

How the Internet of Things Is Impacting Healthcare

The concept of the internet of things (IoT) entails the use of electronic devices that help to capture or monitor data and are linked to a public or private network, empowering them to mechanically initiate certain events. In this article, the authors will study the context of IoT in the healthcare industry and come across the myriad of benefits it has bestowed upon it.

Microsoft: U.S. presidential campaign, government officials targeted by recent hacking effort

Microsoft said Friday that an Iranian government-linked hacking group had targeted email accounts associated with an unnamed U.S. presidential campaign, along with current and former U.S. government officials.

Updates to Kansas statewide 911 dispatch system coming soon

The upgraded system will give 911 dispatchers the ability to respond to someone who texts multiple times. Previously, dispatchers could only respond once per text and after 3 minutes with no response, the conversation was deleted.

Ohio Readies National Guard to Prevent Election Cyberattacks

The Ohio House on Wednesday voted unanimously to create a civilian cyber force within the Ohio National Guard to respond to cyber-attacks against elections systems, governments, businesses, and critical infrastructure.

Increasing broadband investment in low income communities

The Federal Communications Commission (FCC) is tackling some big issues surrounding high-speed internet access in the U.S. with the help of its Broadband Deployment Advisory Committee (BDAC). Those include disaster response and recovery, broadband infrastructure deployment, job skills and training, and increasing broadband investment in low-income communities—each the title of a working group within the larger committee.

NTIA (Sort of) Unveils Pilot Broadband Availability Map

The Trump Administration's chief communications policy arm says it has completed a pilot version of the updated National Broadband Availability Map Congress directed it to produce.

Study how telemedicine can make older adults healthier

New research published by the Journal of American Geriatrics Society points to telemedicine as a way to improve health outcomes in older adults. The study reviewed current articles and data on telemedicine with a focus on older adults—those who are 65 years or older.

How Libraries Are Bridging the Digital Divide

According to a Pew Research Center report, only two-thirds of rural Americans have access to broadband. This gap has been called the digital divide, and policymakers are increasingly making efforts to get the majority of Americans access to high-speed internet, focusing primarily on rural areas.



BROADBAND STRONG: Delivering **FLEXIBLE** broadband and **FAST** experiences to meet the growing broadband needs of education, government, public safety, and healthcare in Iowa.